

ABSTRACT OF THE DISCLOSURE

An internal combustion engine system, dual loop EGR system and method is provided, with a high pressure EGR loop, controlled by a control valve, in fluidic connection  
5 with the exhaust outlet of the exhaust manifold and the air inlet of the intake manifold, and a low pressure EGR loop, wherein exhaust, in proportions controlled by a control valve, enters a compressor from a point downstream of an exhaust emissions controller, together with fresh air, the low pressure EGR loop being in fluidic connection with an output of the  
10 compressor and the air inlet of the intake manifold.